

From owner-qrp-1@Lehigh.EDU Sun Aug 4 00:11:00 1996
From: Tim English <dx@tir.com>
Subject: [2045] 12 volt Gel Cells FOR SALE
Message-ID: <2.2.32.19960804024032.006ea148@tir.com>

I have the following used but load tested good 12 volt gel cell batteries.
These were removed from burglar alarm systems every 3 years as preventive
maintenance and will usually provide another good 3-4 years of useful service.

1 - 12v 4AH	4"H	3.5"W	2.75"D	\$14.00 shipped conus
2 - 12v 6AH	4"H	6"W	2.5"D	\$16.50 shipped conus
3 - 12v 7AH	4"H	6"W	2.5"D	\$17.50 shipped conus

Charging is similar to nicads. 10 percent of rated AH capacity at 13.8 -
14.5 volts for 12-15 hours. I have successfully used a 1 amp automotive
charger for about 3-5 hours depending on AH size and deep of discharge but
fast charging gel cells is not recommended as it will cause the cells to
heat up and boil the gel away over a long period of time.

You can email me if you need more information.

--
Tim

Amateur Radio Station: WB80GM (since 1972)
Email: dx@tir.com

** Visit the Auction Web at <http://www.ebay.com/aw/> **

"Sometimes imagination is better than knowledge"

From owner-qrp-1@Lehigh.EDU Sun Aug 4 00:11:00 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [2049] 8044ABM
Message-ID: <199608040320.DAA25384@chuck.dallas.sgi.com>

Gang,

While in Austin today I got news from a reliable source, but
someone check it out and find out if it is true.

Supposedly Danny of Dan's Small Parts called Mouser (the only
source for the Curtis chip) and was told there were no more.

If this is true, be kind to your keyer and don't zap it.

Looks like you'll have to go with the CMOS III from now on.

Again we need verification of this news. After all there are a lot of keyers and rigs out there with the chip in them. Let the group know. This is just what I heard today. I'll be outta pocket to check on this.

dit dit

Chuck Adams (K5FO CP-60) adams@sgi.com

K5FO TMPS 1995 Qs=222 States=46 Confirmed=127 DX=04 (0.95W)

K5FO TMPS 1996 Qs=080 States=32 Confirmed=43 DX=04 (0.95W)

From owner-qrp-1@Lehigh.EDU Sun Aug 4 00:11:00 1996

From: k7yha@juno.com (Richard H. Arland)

Subject: [2044] ARCI Name change/Juno does it again!

Message-ID: <19960804.014344.7895.2.k7yha@juno.com>

Gang:

Just lost my Juno Software AGAIN! The entire address book along with everything in all the files got wiped out. Unfortunately, that also included all the info I had collected regarding a name change for QRP ARCI.

For what it's worth: there were about 30 responses and over 75% were in favor of changing the name to something more in tune with our goals. Many preferred just dropping the "International" from the ARCI. I was going to list the responses by call sign and "yea or nea", however, I cannot do this due to the Juno software screwup.

72 rich K7YHA

From owner-qrp-1@Lehigh.EDU Sun Aug 4 00:11:00 1996

From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>

Subject: [2035] For sale: AEA MM-3, Icom 735

Message-ID: <Pine.3.89.9608030644.C17460-01000000@w3eax.umd.edu>

1) AEA Morse Machine MM-3. Serial number 13574, in new condition.

Sends morse, has trainer, emulates too many modes to remember. Does beacon operation, memory keying, and is probably the most complete keyer ever made. Unfortunately, AEA stopped making it, ostensibly because someone

stopped making a particular chip. With box and manual.

Asking \$180 plus shipping.

2) Icom 735, in great condition with mic and power cord. Don't have manual, although the previous owner has promised to find it or (eventually) get me a new one, which I would forward.

Triple conversion, can be cranked down to <3 watts (or up to 100). Passband tuning, notch filter, noise blanker, all modes, covers everything to 30 MHz, 12 memories, speech compressor, etc.

Asking \$575. A classic radio.

P.S. also selling my Bearcat BC-8500XLT 500 channel 25-1300 MHz base scanner. No flames, just thought that while I was typing, I'd mention it.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 138 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

From owner-qrp-l@Lehigh.EDU Sun Aug 4 00:11:00 1996
From: Dave.Ackrill@westwood45.powergen.co.uk
Subject: [2030] Forty-9er Kit
Message-ID: <960803071827Z*/G=Dave/S=Ackrill/O=westwood45/PRMD=POWERGEN/
ADMD=CWMAIL/C=GB/@MHS>

Hello again everyone,

Well thanks to Jim there is now another 40-9er on the air. Arrived by air mail this morning, started to build it at lunch time, finished it after tea and the RX worked first go (Frank, G3YCC, is right about needing some extra filtering, but the Broadcast Stations at least proved the RX was working before I adjusted C2 which peaks the received signal). I found that the instructions which came with the kit were very good and explained construction in a style that, I think, would be OK for anyone even if they had not constructed anything before.

There was some operator error involved with the TX. I dry jointed one of the connections (yes, you're right, I should know better) but the RF sniffer and multimeter helped to find it and hey presto 200mW on

7.040MHz.....

A couple of members of the G-QRP List have told me where to get the UK equivalent of the Altoids tins, and one person has even offered to send one to me (Thanks for that).

One thing that I have noticed is that, with the crystal supplied, the range is 7.040 to 7.045MHz, rather than 7.037.5 to 7.042.5MHz that some have reported. Not a problem really, as I guess over here I will need either a 7.030MHz or lower frequency crystal, or I will need to make a 7MHz VFO.

It's a pity that there is no Novice allocation in the 40M band in the UK, as I would recommend the kit as a good first transceiver kit. I guess that a good "Elmer" could modify the kit for either 80 or 30M, where we do have Novice bands. The same Elmer would also incorporate BCI filtering etc., which might encourage the new constructor to modify kits if needed HI!

Anyway, although it's not the first kit I've ever made, it was fun to make and will make a nice portable rig that I can shove in a pocket with a wire and some headphones. I might even try to "smuggle" it away on holidays. Don't worry, it's not HM Customs nor the French authorities that I must fool, only the Wife who "Bans" radio on holiday. I may even take it away on business trips as well.

So now to find all those modifications for the 40-9er that I've heard about.

Cheers de Dave (G0DJA)

From owner-qrp-1@Lehigh.EDU Sun Aug 4 00:11:00 1996
From: "Vernon A. Hatley" <vhatley@worldnet.att.net>
Subject: [2050] FS:HW-9 and accesories
Message-ID: <1.5.4.16.19960803223617.1ae766f8@postoffice.worldnet.att.net>

HM-9 QRP Wattmeter - \$55 shipped 48 states.

HFT-9 Antenna Tuner - \$55 shipped 48 states.

HW-9 - with WARC bands. No modifications that I can find. Full output on TX. No scratches on case. Receiver was working great; turned rig over while realigning and heard a pop in headphones; then the receiver went dead. Has audio hiss in headphones but no signals. I have been pulling my hair out trying to find problem but to no avail. I give up. Have manual and schematics. Even have original bill of sales from Heathkit. \$160 shipped

48 states.

Package deal - \$250 takes all; shipped 48 states.

--

KK5R0 Vernon A. Hatley
QRP-L #325 Shawnee, OK
(405)-273-3640

"The wheel weaves as the wheel wills."

From owner-qrp-l@Lehigh.EDU Sun Aug 4 00:11:00 1996
From: RobCap@aol.com
Subject: [2039] Green Mountain 20 Question
Message-ID: <960803103333_170894073@emout07.mail.aol.com>

Hi all:

Was wondering if there are any mods published for squeezing a bit more power output from the Green Mountain 20? My rig only puts out 2.0 watts.
Otherwise, I like the little rig very much. But the low power output renders it unusable for field day.

I have a feeling that the L/C values might not be optimized, or there may be a final that would work better.

Please send replies directly to: Robcap@AOL.com

73,

Rob, WA3ULH

From owner-qrp-l@Lehigh.EDU Sun Aug 4 00:11:00 1996
From: John Shuster <jshuster@silverlink.net>
Subject: [2041] HW-8 sale from packet radio post
Message-ID: <01BB811B.3D5B14E0@oly3-116.olympic.net>

To all:

I found this on the local packet cluster.

73,

John KC7CKP

>From : WZ1U
To : SALE @USA
Type/status : B\$
Date/time : 01-Aug 11:06
Bid : AA1FS36851
Message # : 44027
Title : HEATHKIT HW-8 QRP CW RIG
Path: !KB7CNN!WB7QEU!W0RLI!KC7KFE!KI7SO!WB7VMS!W70EK!WB7AWL!KA6EYH!KE7KD!
!VE4KV!KE2VW!VE3SNP!VA3BBS!VE3KPG!VE3HQR!VE3CDY!KA2JXI!KD2AJ!WA2UMX!
!K1MEA!WB1DSW!K1UGM!WG1I!KA1RCI!KC1CE!AA1FS!

FOR SALE:

HEATHKIT HW-8 QRP CW TRANCEIVER (80-40-20-15 METER BAND)
HEATHKIT HWA-7-1 MATCHING POWER SUPPLY
I HAVE THE ORIGINAL MANUALS FOR BOTH ITEMS
WILL TAKE \$75 AND YOU SHIP
I CAN BE REACHED AT BBS WZ1U@AA1FS.SEMA.MA.USA.NA
OR CALL (508)-821-2993

<CR> Continue <A>bort <C>ontinue no paging <N>ext Message...
WZ1U STEVE
LAKEVILLE, MA.

From owner-qrp-1@Lehigh.EDU Sun Aug 4 00:11:00 1996
From: Alan Kaul <kaul@netcom.com>
Subject: [2043] List members to San Diego/Chicago?
Message-ID: <Pine.3.89.9608031619.A5005-0100000@netcom18>

Any qrp-1 members going to attend either the Republican or the Democratic Conventions in August? I'll be attending both (as a journalist). Want to get together for an eyeball?

[<Alan Kaul, W6RCL>] kaul@netcom.com

From owner-qrp-1@Lehigh.EDU Sun Aug 4 00:11:00 1996
From: Dan Keen <70731.722@CompuServe.COM>
Subject: [2027] More of why we do what w
Message-ID: <960803060035_70731.722_EHM46-1@CompuServe.COM>

> You all have pretty much convinced me that the 40 meter Novice band is a

> bad idea. It's noisy and the
> international community doesn't have full access to it. Is the situation
> as grim on 80 meters? Or 15 and 10
> for that matter?
>
> So what does everybody think? Is the 80 meters Novice band ok? Or, does
> it stink?
>

IMO, novice 40 is an traditional initiation-rite, devilishly designed by the FCC for maximum hazing effect on the newbies. Novice 80 was put in there as an oasis counter balance, so they wouldn't be scared away.

From owner-qrp-1@Lehigh.EDU Sun Aug 4 00:11:00 1996
From: Dan Puckett <dpuckett@erinet.com>
Subject: [2023] More of why we do what we do
Message-ID: <32030486.533@erinet.com>

OK guys and gals,

You have pretty much convinced me that the 40 meter Novice band is a bad idea. It's noisy and the international community doesn't have full access to it. Is the situation as grim on 80 meters? Or 15 and 10 for that matter?

So what does everybody think? Is the 80 meters Novice band ok? Or, does it stink?

72

Dan WD8AAU
dpuckett@erinet.com

From owner-qrp-1@Lehigh.EDU Sun Aug 4 00:11:00 1996
From: Bob Marsh <bmarsh@hicom.net>
Subject: [2040] NE-QRP 40-40
Message-ID: <3203A3AD.D33@hicom.net>

Hi,

First, I'd like to thank everyone who responded to my last post about

receivers. All the replies were helpful, and I was suprised at how fast they came back. This is a great group!

Does anyone know if the NE-QRP 40-40 are still available somewhere? A friend of mine has one, and I'd like to give it a try. I also noticed that NE-QRP either doesn't have a web site, or I just can't find it. Anyway, if there IS a site, I'd apperciate the address.

tnx agn es 73 de Bob/KB2SGM

From owner-qrp-1@Lehigh.EDU Sun Aug 4 00:11:00 1996
From: Doug Hendricks <ki6ds@mail.telis.org>
Subject: [2024] NorCal 40A Effieciency Measurements.
Message-ID: <3202DFB7.4BC4@telis.org>

Guys, I am disappointed. So far I have only received measurements for the efficiency of the NorCal 40A from the following:

Jeff Anderson
Harvey Hetland
David Yarnes

It is going to be tough to come up with any type of consensus with only 3 responses. Please help me out and respond. Be a contributor.
Thanks, 72, Doug, KI6DS

From owner-qrp-1@Lehigh.EDU Sun Aug 4 00:11:00 1996
From: ROYGREGSON@aol.com
Subject: [2026] NW8020 AD
Message-ID: <960803014943_591362208@emout17.mail.aol.com>

Gang, There is an error in the QQ AD for July. Several have called to tell me that the area code was printed as 306, should have been 360. So if you have had trouble getting through, that is the reason. Also, as a reminder, when ordering, please state which band.

I have not taken the time to make up a "Info or Spec sheet yet for sending over Internet, so when asking for the free literature be sure to include your snail mail address.

Thanks Roy EMTECH

From owner-qrp-1@Lehigh.EDU Sun Aug 4 00:11:00 1996

From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [2036] OMNI V QRP mod
Message-ID: <Pine.3.89.9608030623.D17460-0100000@w3eax.umd.edu>

Ten-Tec's presence on the net has ALREADY proved fruitful!

Scott, KY2P, forwarded me the mod to allow the OMNI V to be cranked down to about 1 watt while retaining the ability to run 100 watts.

On the 9 MHz IF board:

R46 change from 100 to 10 kohms, then reset R48, the ALC pot.

That's it. Did it last night, my QRPp OMNI V is doing great! Verified 1 watt output on my Oak Hills WM-1.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 138 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

From owner-qrp-1@Lehigh.EDU Sun Aug 4 00:11:00 1996
From: cjsterl@ix.netcom.com (Craig J. Sterling)
Subject: [2037] QRP/WAS Finally!
Message-ID: <199608031246.FAA13795@dfw-ix8.ix.netcom.com>

Greetings,

KH6AQ, Warren in HAWAII is officially in the log (20 Meters CW). I found him at 0430 UTC this morning. He was 579 and yours truly ... 339 ... running the full QRP gallon. I told him he was my last confirmation for WAS/QRP ... he promised to QSL, promptly! Even he was excited. Nice way to start the weekend.

May the Propagation Gods be kind,
Craig, AA3MD

Craig Sterling (AA3MD) cjsterl@ix.netcom.com
AA3MD TMPS 1996 Qs=218 States=41 Confirmed=20 DX=40
CT MA ME NH RI VT NJ NY MD/DC PA AL FL GA KY NC SC TN VA AR LA MS NM OK
TX CA AZ OR MT WY MI OH IL IN WI CO IA KS MN MO ND NE
EW VE1-3 LZ G XE 9A HA VP9 DJ OZ EA1 EA8 OK I GM C6 HB SP YT ZL CY0 OM
3B8 PJ2 CM F HC HB0 OA UT TI GU SM OH KP4 PA CT TK 9H YV

From owner-qrp-1@Lehigh.EDU Sun Aug 4 00:11:00 1996
From: "Floyd Soo, KF8AT" <hires@rust.net>
Subject: [2028] S. Manitou Island QRP!
Message-ID: <3203151A.23E2@rust.net>

Ken, KF8RG, will be camping with his family on South Manitou Island in Lake Michigan. For the uninitiated, So. Manitou and No. Manitou Islands are offshore of the Sleeping Bear Dunes in NW lower Michigan. Indian legend says that there was a forest fire in Wisconsin. A mother bear and her 2 cubs tried to swim across Lake Michigan to Michigan in order to escape the fire. The mother bear made it across OK, but the two cubs drowned. The giant sand dunes overlooking Lake Michigan is the mother bear and North and South Manitou Islands are the two cubs that didn't make it, and thus the namesake of Sleeping Bear Dunes!

Ken will be operating his MFJ 40 meter QRP rig and a dipole. He will be either be on or near 7.040 or 7.125 MHz most of the time. He has camped on the island several times before and I have worked him from here in the Detroit area. Ken has an interest in the Great Lakes, including lighthouses. Try to catch him and give him a nice ragchew!

73,
Floyd Soo, KF8AT
QRP-L #392

From owner-qrp-1@Lehigh.EDU Sun Aug 4 00:11:00 1996
From: Dave.Ackrill@westwood45.powergen.co.uk
Subject: [2033] Simple Keyer
Message-ID: <960803104824Z*/G=Dave/S=Ackrill/O=westwood45/PRMD=POWERGEN/ADMD=CWMAIL/C=GB/@MHS>

Someone out there was asking for a design for a Simple Keyer, that didn't use chips that needed to be programmed. Whilst, looking for another article (isn't it always the way?), I came across a design by K.P.S Kang, VU2KLA, which uses a BC157 transistor, a small relay and a few resistors and capacitors.

It's not a memory keyer, of course, and I have not made it myself, yet, but it looks OK.

The design appears in Sprat Number 83, Summer 1995 and if anyone can't get hold of that copy I would be willing to copy it out and send it

on.

I think that I will add this to the Forty-9er as the supply quoted is 12 volts, but looking at the circuit I guess that is not too critical.

Anyone made this circuit? Does it work OK?

Cheers de Dave (G0DJJA)

From owner-qrp-l@Lehigh.EDU Sun Aug 4 00:11:00 1996
From: "Arjen Raateland, SYKE/YV, puh. 90-4030 0457" <Arjen.Raateland@vyh.fi>
Subject: [2032] SLT tuner on 15 m
Message-ID: <01I7U9BUGJ5G8WXQ6G@vyh21.vyh.fi>

Gang,

Some of you may recall a thread on this list about grounding the end of the toroid or not when the St. Louis Tuner kits from Norcal had started arriving.

At power levels higher than QRP, unused windings of the inductor can develop such high voltage that sparking may occur. Unused turns may cause another problem as well, which is resonance with parasitic capacitance. To avoid these problems, the unused turns of the inductor are usually short-circuited. Tuners for higher power levels are usually made with air-wound coils. The coupling between the windings in that type of coil is not as tight as on an iron-powder toroid.

Short-circuiting tightly-coupled turns on a toroid didn't seem like such a good idea to me. So I decided to go against the advice from several OM and try and leave the unused end open (the end with the highest number of turns between taps) when I built my SLT. I would see about the grounding later....

Well, a week ago I set up my station in the garden of friends and had brought my SLT to match my untested 15 m dipole. Quite surprisingly with the tuner in line I couldn't get a match at all. Fortunately the dipole without the tuner in line was OK, but something was wrong with my SLT.

On the built-in dummy load the SWR-bridge also gave high reflected power readings, so there was a double problem.

I remembered a message about adding ground connections the PCB and after adding those the bridge was OK on the internal dummy load.

Back home I did some tests with a 50 Ohms noise bridge and a 50 Ohms load. At lower frequencies the tuner seemingly worked OK, but above about 17 MHz performance deteriorated quickly and I couldn't get a match at those frequencies.

Bob Follet WA7FCU tried his SLT with a matched 15 m antenna and had no problem getting a match. Well, to make a long story a bit shorter, shorting the unused end of the toroid really cured the problem.

Having learned this the hard way, I have two questions:

What is the influence of shorting turns on the L and Q of a toroid inductor and how does it compare with an air-wound coil? Has anybody measured this?

Would it be a good idea to replace the ground wire from the L-switch to the back panel with a small air-wound coil to provide an extra low setting? Currently the lowest setting is an almost complete short (5" of wire), which is probably not a useful value on HF.

73, Arjen
OH2ZAZ @OH2RBI.FIN.EU
Arjen.Raateland@VYH.FI

--... ..- -... . ---- - - - - ..- - - - -
Finnish Environment Institute, Helsinki, Finland
SAS Support
EMAIL: Arjen.Raateland@vyh.fi
tel. +358 0 4030 0457
fax +358 0 4030 0490
..-.. -.-

From owner-qrp-1@Lehigh.EDU Sun Aug 4 00:11:00 1996
From: "Harvey D. D. Hetland" <HDHETLAND@paccd.cc.ca.us>
Subject: [2047] TMPS - N6MM struggle update (long).
Message-ID: <105BFB1158C@manage.paccd.cc.ca.us>

Much of my TMPS effort has been in trying different antennas starting with a dipole, vertical dipole, bobtail, delta loop with variations on the feed and finally a two element wire beam. A lot of time working with ELNEC. Prior to TMPS I experimented with an 8JK beam. For three months I have been unable to work OZ7C, but last night the wire beam turned the trick as I got my QSO. A few minutes later I found W5TZC from Arkansas up the band calling CQ. One of three states I needed, although I had called nine (count 'em nine) stations previously in Arkansas. Do I get him? No, that rascal OZ7C

beats me out for the Arkansas station! I wait for the QSO to end. I call the W5 again ... nothing ... I call again ... nothing ... I keep calling and finally the W5 comes back and we had a short QSO. So I went to bed last night a happy camper even if U5WF could not quite copy my callsign (groan). Guess that +14 degree horizon through mountains to Europe will always be with me. Please ZK2PN try 30m before you leave?

Man-made noise has been a problem too. I got two sodium vapor street lights repaired Monday after calling the power company who maintains them under contract. The lights were cycling on and off all night and emitting RF interference while igniting. That helped greatly. I have another noise that pulses at 60 Hz, is 50 kHz wide, and drifts across the 30m band. In the morning it is typically covering the low end of 30m. It is really killing my effort to work some of the oriental DX stations. I have located the source the to front part of a neighbor's house using a loop antenna, but I would like to have some idea as to the possible source prior to approaching the neighbor. A friend is having a similar problem on 30m. Has anyone on the list experienced this type of noise? My next step is to "sniff" the cable TV and telephone lines to my neighbor along our common property line. In the past I have had problems with multiplexed telephone lines causing interference to my reception. Fortunately the telephone company was cooperative when I brought it to their attention.

I'm taking my vintage Porsche on another 730 mile round trip to the NorCal meeting tomorrow. Gonna see if I can catch Doug Hendricks standing still long enough for me to introduce myself, hi.

73, Harvey, N6MM - NorCal #1441, QRP-L #318, QRP ARCI #51 -

TMPS 96: QSOs=245, WAS=48, DXCC=039 OHR 400, dipole/loop/wire beam
States needed: VT and DE (I've heard N1JFI and NY3R!)
DXCC: C2 JW KH6 JA KL7 A3 W 5W VE PJ2 T30 VK9N ZL FK8 OH OA VK FG LU
C6A XE LA ZF 5N C0 CY0 PY V7 HC V6 T32 KC6 P4 TI ZK1(so) UA0
KH8 ZP OZ

From owner-qrp-l@Lehigh.EDU Sun Aug 4 00:11:00 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [2034] TMPS, DE, RI, Fox, and stuff
Message-ID: <199608031108.LAA24582@chuck.dallas.sgi.com>

1. TMPS is year round. :-)

I know you aren't going to believe this. :-) I had been in Mt View all week working. Met the gang on Tuesday night at the BBQ. Don't know how they did it, but Doug Hendricks drove all the way from the desert and he wound up cooking. :-) Good burgers Doug. He also have out some real neat 8 ohm 0.4W thin speakers that were to have gone in a modem. These he found at one of the surplus stores in the Sunnyvale/San Jose/... area.

So I get back to Dallas late Friday, get ready for Austin, and work a couple of stations on 30M and get some ZZZZs. Up at 5 a.m. to pack up some stuff and get ready to head for the airport again, this time Love Field. So I check in here to read the mail and turn on the 30M rig. What?????? K1GOW calling CQ? That's RI. Give him a call. Got a QRZ? And he got my call. No QSO yet though. Staying on frquency til the last minute to get this one. Hope I don't miss the plane. :-)

2. DE I already got so all 50 states are on 30M (well all the bands). I have 48 worked and may have 49 worked in a few minutes. All at QRPp levels.
3. Listen for K5F0/7 the next 10 days from NV, Lake Tahoe area. Got a bed and breakfast in the woods on the west side of the lake. 40M late at night and 30M whenever. I hope I get the laptop fixed to check back in once in a while. The usual QRP freqs apply.
4. The foxhunt again in Oct timeframe. Hang on. I still have some certificates to go out in the mail. I apologize but this freq travel interferes with the fun stuff. Hang on. I have nailed down the QSL culprit. Don't ask to be the fox, please.

dit dit es cul

Chuck Adams (K5F0 CP-60) adams@sgi.com

K5F0 TMPS 1995 Qs=222 States=46 Confirmed=127 DX=04 (0.95W)

K5F0 TMPS 1996 Qs=080 States=32 Confirmed=30 DX=04 (0.95W)

From owner-qrp-1@Lehigh.EDU Sun Aug 4 00:11:00 1996

From: "Frank G3YCC" <g3ycc@enterprise.net>

Subject: [2031] tor.zip

Message-ID: <199608031059.KAA05455@mail.enterprise.net>

It has been pointed out to me that the Dutch text in this programme prohibits free distribution.

In order not to contravene any regulations, it looks as if I can not put it on the net for you. As I don't have any Dutch language capability, I

was unaware of this, obviously. So, sorry guys, it looks as if it is a no-no. I will not therefore be making tor.zip generally available. Still, it got a few more people to visit my web site! I would think, however, that some folk will have successfully obtained the file by some other means soon.

As some people visit the web site of mine regularly (thanks for the many nice comments, by the way), would you like some different music there, if you are getting fed up with the present tune? Might put 'New York, New York' on for a while... or some CW set to music...

Now, where's that soldering iron... ouch, there it is...

Cheers all.

--

Frank G3YCC

Ham Radio QRP Web Page:

<http://homepages.enterprise.net/g3ycc/>

From owner-qrp-l@Lehigh.EDU Sun Aug 4 00:11:00 1996

From: "Floyd Soo, KF8AT" <hires@rust.net>

Subject: [2025] USECA QRP Picnic!

Message-ID: <32030BBA.1CFE@rust.net>

On Sunday 4 August 1996, USECA will host an annual picnic on the St. Clair River in Port Huron Michigan. Several QRP stations will be set up and operating on several bands. Look for Walt-WB8E, Bill-AA8LZ, Dan-KA8NDY, Floyd-KF8AT, Phil-WA8ZOF, Paul-WB8ZJL among others that will be operating throughout the day between food, volleyball, softball, frisbee, fishing, and the EMARC Swap!

Also on the site at Pinegrove Park is the Lightship Huron. This ship was on station on Lake Huron until being turned into a museum ship! USECA even donated money to EMARC to assist in equipping the radio room with ham gear!

Hope to hear some QRP-L calls on teh air!

72,

Floyd, KF8AT

QRP-L #392

From owner-qrp-l@Lehigh.EDU Sun Aug 4 00:11:00 1996

From: JCoote@aol.com

Subject: [2046] Re: Dipole, SWR, and Coax

Message-ID: <960803220619_591781884@emout07.mail.aol.com>

In a message dated 96-08-02 11:58:27 EDT, ke3fl@access.digex.net (Philip Karras) writes:

<<

I have a friend who insists that one must match the SWR of a dipole to the 50 ohm coax. If you don't do this you are losing power. He is very adamant about this. I have never had the courage to ask him a very simple question:

>From everything I've read, a dipole designed for a given frequency has an impedance of 75 ohms, coax is designed for 50 ohms (OK OK 52 ohms - nit pickers ;-) so, this translates into an SWR of about 1.5:1.

Which is better, designing for 75 ohm impedance (the best for radiating the energy) or 1:1 SWR (the best for getting all the energy to the antenna the first time)?

There are a number of reasons we're getting our heads mixed up about this stuff, one is that manufacturers are not placing matching circuits in the rigs any longer, they are designing for a 50 ohm impedance match and not much deviation from an SWR of 2:1 (some even less!) & another is that we've forgotten - or never knew- how to use SWR information.

I'm not going to go into it here. If you want to look it up, check your copy of "Now You're Talking" or "Reflections" and do the calculations for about 10 reflections for an SWR of 3:1 and see what you end up with for total output.

Oh, the answer to the question above is this: For good quality coax -read low loss at your frequency- there is no noticeable difference at either station. In fact we can go further, there will be no noticeable difference even with an SWR of 3:1. (I could go even further, but I won't, I think you get the point.) Now, if you don't believe me you'd better start reading.

So, why design a dipole antenna for an SWR of 1:1? I do it so I don't have to take an ATU in the field with me. But, for other than that special case -and I only get close & don't care as long as the rig will handle an SWR of 2 or 3:1- I build them as long as I need & use an ATU for everything else.

You're biggest loss is likely to be in a poorly designed ATU, not the coax & definitely not in ladder line. (Ooh, now there's one for you, 450 ohm ladder line & a 75 ohm dipole give an SWR of 6:1 & yet no noticeable difference? Yup! Do the calculations and see. Use 7.040 MHz.)

have fun & enjoy, it's a hobby!
72 & 73 de KE3FL/Phil
;-) >>

What I find laughable are the people who buy tuners in order to "forcefeed" the wrong band down the coax... (real life example) feeding 7 Mhz into a 28 or was it 27 Mhz (!!) vertical and then marveling at the "low SWR" at the tuner.

Most ham dipoles can provide a lower than 1.4 SWR. A "pure" dipole in free space may have a 70 ohm feed impedance, but look at the typical ham dipole- it will be shaped like a vee, or close to ground, or close to buildings and metallic objects, or folded or bent legs... these things all lower the feed impedance in many cases.

If a transmitter can deliver power at 2:1 without the foldback circuit cutting in, I would forget the tuner. The best use of a tuner is for allband wire antennas.

73, Jay
WB6AAM

From owner-qrp-1@Lehigh.EDU Sun Aug 4 00:11:00 1996
From: DCrespy@aol.com
Subject: [2038] Re: PVC cleaning
Message-ID: <960803092057_376487412@emout13.mail.aol.com>

Dave

The pre-cleaner sold along side the PVC adhesive for these pipe products does a nice job removing the stains and the lettering. Be careful to get the clear cleaner. Some are colored so building inspectors can confirm that the installers used the primer/cleaner (I can't remember exactly what the right name for this stuff is but it is sold side by side with the adhesive and is generally in a can that looks the same as the adhesive).

Good luck and have fun!

Harry KG5LO Saline MI

From owner-qrp-1@Lehigh.EDU Sun Aug 4 00:11:00 1996
From: k7yha@juno.com (richard h. arland)
Subject: [2042] Re: QRP/WAS Finally!

Message-ID: <19960803.162815.4447.2.k7yha@juno.com>

On Sat, 3 Aug 1996 05:46:13 -0700 cjsterl@ix.netcom.com (Craig J. Sterling) writes:

>Greetings,

>

>KH6AQ, Warren in HAWAII is officially in the log (20 Meters CW). I
>found him at 0430 UTC this morning. I told him he was my last
>confirmation for WAS/QRP.

CONGRATULATIONS, CRAIG!

Well done. I can see you now, perched above your mailbox like a vulture awaiting the arrival of the snail-mailman.

72 rich K7YHA

From owner-qrp-1@Lehigh.EDU Sun Aug 4 00:11:00 1996

From: Joe Gervais <vole@primenet.com>

Subject: [2029] Re: TMPS Update

Message-ID: <199608030645.XAA00974@primenet.com>

Craig Sterling (AA3MD) wrote:

>

> TMPS Totals from May 1st thru July 31st:

>

> AA3MD TMPS 1996 Qs=213 States=41 Confirmed=20 DX=40

Hmmm. I'm feeling very humble at the moment. Great job Craig! Just don't forget to get out and see a few movies this summer. :-) :-) Seems like we both need Delaware hams to get on the air though. Where the heck *are* those people? May be time to chain one to their rig for a few weeks. :-)

How's everyone else doing in the TMPS? And how much longer do we have? (Hidden question - When's the Fox Hunt startin' up again!)

Cheers es 72 de KC7NEV,

-Joe, vole@primenet.com, AZ ScQRPion #7

KC7NEV TMPS 1996 Qs=017 States=10 Confirmed=2 DX=003

AK, CA, CO, KS, LA, MN, OR, WA, TN, VA
JG, R0

From owner-qrp-1@Lehigh.EDU Sun Aug 4 00:11:00 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [2048] Re: TMPS, DE, RI, Fox, and stuff
Message-ID: <199608040255.CAA25272@chuck.dallas.sgi.com>

Grover caught me in error again. Yep, K5F0/6. I thought it was
/7. I would have caught the error when I crossed the state line. :-)

dit dit

Chuck Adams (K5F0 CP-60) adams@sgi.com

K5F0 TMPS 1995 Qs=222 States=46 Confirmed=127 DX=04 (0.95W)

K5F0 TMPS 1996 Qs=080 States=32 Confirmed=30 DX=04 (0.95W)